

20030321.qrp v02_n866.qrl.20030321

Date: Fri, 21 Mar 2003 19:03:06 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2866

QRP-L Digest 2866

Topics covered in this issue include:

- 1) [147923] RE: Linux question
by W2AGN <w2agn@w2agn.net>
- 2) [147924] Your local QRP Club? (history of QRP book)
by "trickie@speed-mail.co.uk" <Dick@trickie.com>
- 3) [147925] 5 watt mod for 38 Special
by ronald@atdial.net
- 4) [147926] Re: hellschreiber with qrp cw rigs?
by "Juan Ferrari" <puntrad@usa.net>
- 5) [147927] Sponsoring the RAC Contests QRP Plaques...
by Bruce Rattray <rattray@gpfn.sk.ca>
- 6) [147928] Re: hellschreiber with qrp cw rigs?
by Mr Mike Caughran <kl7r@yahoo.com>
- 7) [147929] Truffle Tonight
by "w8diz" <w8diz@fpqrp.com>
- 8) [147930] Re: RFI or feedback issue
by Mr Mike Caughran <kl7r@yahoo.com>
- 9) [147931] F.S. DSP units----SOLD
by "Joe W2KJ" <w2kj@bellsouth.net>
- 10) [147932] Re: [fpqrp] Truffle Tonight
by "w8diz" <w8diz@fpqrp.com>
- 11) [147933] FOX: Full Bag
by "Karl F. Larsen" <k5di@zianet.com>
- 12) [147934] narrowband filter design
by Nick Foster <zaphod@coe.neu.edu>
- 13) [147935] Scout RFI
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 14) [147936] FOX==lots of QRN at K0eVZ
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 15) [147937] FOX: Ruff foxii tonight
by Dave Hottell <hottell@gulftel.com>
- 16) [147938] Nada in Iowa
by Kevin L Anderson <k9iua@juno.com>
- 17) [147939] K0EVZ--first thoughts
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 18) [147940] Re: FOX==lots of QRN at K0eVZ
by "George, W5YR" <w5yr@att.net>
- 19) [147941] Re: FOX==lots of QRN at K0eVZ

- by "Doc K0EVZ" <dock0evz@earthlink.net>
- 20) [147942] FOX: Gone to ground
by Lloyd Lachow <llachow@yahoo.com>
- 21) [147943] FOX: Doin' the Twofer Twostep!!!
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 22) [147944] Not the best outing ;^(
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 23) [147945] Atlanticon Speaker - Craig Johnson, AA0ZZ
by "George Heron N2APB" <n2apb@erols.com>
- 24) [147946] Fox: fun run!
by Dan Presley <dpresley1@comcast.net>
- 25) [147947] Re: narrowband filter design
by "Leon Heller" <leon_heller@hotmail.com>
- 26) [147948] Re: FOX==lots of QRN at K0eVZ
by Pete Burbank <plburbank@earthlink.net>
- 27) [147949] Re: Nada in Iowa
by "Karl F. Larsen" <k5di@zianet.com>
- 28) [147950] Lightning & Wires
by Alex <kr1st@amsat.org>
- 29) [147951] RE: is this an indoor antenna?
by "Upton, Shawn" <SUpton@ALLEGROMICRO.com>
- 30) [147952] Re: K0EVZ--first thoughts
by W2AGN <w2agn@w2agn.net>
- 31) [147953] Re: RFI or feedback issue
by "Jim Stamper" <jstamper@shentel.net>
- 32) [147954] Sorta OT: Interesting article abt Hams in USA-Today
by Ed Tanton <n4xy@earthlink.net>
- 33) [147955] For Sale 40 meter SW+
by Steve Holloway <wsholloway1@yahoo.com>
- 34) [147956] FOX Another Great Season
by Chuck Carpenter <w5usj@9plus.net>
- 35) [147957] FT817 vs Argo V vs K2
by "Hartwell, Martin E, ALABS" <mehartwell@att.com>
- 36) [147958] WX Band Converter?
by "Ed Kessler" <aa3sj@arrl.net>
- 37) [147959] FT-817 PS (?)
by "John Paul Dooley" <portscom@hotmail.com>
- 38) [147960] Re: Doin' the Twofer Twostep!!!
by "George, W5YR" <w5yr@att.net>
- 39) [147961] Rockmite on 30m?
by "John McKee" <JMckee@rfmd.com>
- 40) [147962] Re: Dan Tayloe does it again!
by "Rich Johnson" <rjohnson390@attbi.com>
- 41) [147963] Re: WX Band Converter?
by Jim Giammanco <giamman@rouge.phys.lsu.edu>
- 42) [147964] Re: Lightning & Wires
by "Mike Yetsko" <myetsko@insydesw.com>
- 43) [147965] RE: is this an indoor antenna?

- by "Karl F. Larsen" <k5di@zianet.com>
- 44) [147966] Re: FT-817 PS (?)
by "Karl F. Larsen" <k5di@zianet.com>
- 45) [147967] Re: Rockmite on 30m? [Works Fine]
by Chuck Carpenter <w5usj@9plus.net>
- 46) [147968] Re: FOX Another Great Season
by Bruce Rattray <rattray@gpfn.sk.ca>
- 47) [147969] OT: Looking for Software
by "Mike Yetsko" <myetsko@insydesw.com>
- 48) [147970] Radiotron Designer's Handbook
by William K Penhallegon <w4stx@juno.com>
- 49) [147971] Toaster oven for soldering?
by "Tracy Markham" <n4lgh@waveguide.us>
- 50) [147972] Re: Radiotron Designer's Handbook
by William K Penhallegon <w4stx@juno.com>
- 51) [147973] Rockmite on 30m? [Works Fine] [Parts Used]
by Chuck Carpenter <w5usj@9plus.net>
- 52) [147974] Re: FT-817 PS (?)
by Dick Ballard <ballardr@att.net>
- 53) [147975] New Book-History of QRP
by "trickie@speed-mail.co.uk" <Dick@trickie.com>

Date: Thu, 20 Mar 2003 16:29:29 -0500 (Eastern Standard Time)
From: W2AGN <w2agn@w2agn.net>
To: schoon@amgt.com, qrp-l@Lehigh.EDU
Subject: [147923] RE: Linux question
Message-ID: <3E7A32B9.000005.77345@w2agn>
MIME-version: 1.0
Content-type: Text/Plain
Content-transfer-encoding: 7BIT

In the "innitab" file. normally located in /etc. Change "xdm" to "kdm"

John W2AGN

-----Original Message-----

From: schoon@amgt.com
Date: Thursday, March 20, 2003 04:07:22 PM
To: Low Power Amateur Radio Discussion
Subject: RE: Linux question

I don't remember how to do this off hand, but I'm sure the directions are on the KDE website. You want to run kdm instead of the default xdm logon manager.... I'm sure it's also documented on XFree86 website..

HTH

72 - .mark

>-----Original Message-----

>From: Rob Matherly [mailto:w0jrm@arrl.net]

>Sent: Wednesday, March 19, 2003 9:40 PM

>To: Low Power Amateur Radio Discussion

>Subject: OT: Linux question

>

>

>Just installed Mandrake 6.0 on an old 550 meg drive I had
>laying around.

>Installed Ice and KDE, but somehow missed the logon screen
>that allows me to

>choose which one I want to load!

>

>So here's the question - all I have is the basic X logon
>screen, and it then

>takes me to KDE. What do I need to install (or configure) to
>give me the

>choice between the two when I logon?

>

>TIA

>

>72/73/oo

>Rob, w0jrm

>

>(hardly a linux expert)

>

>

.

Date: Thu, 20 Mar 2003 22:05:36 -0000

From: "trickie@speed-mail.co.uk" <Dick@trickie.com>

To: <qrp-1@Lehigh.EDU>

Subject: [147924] Your local QRP Club? (history of QRP book)

Message-ID: <005c01c2ef2c\$d6530640\$124779d5@main>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Guys,

Following my previous request I only got 4 replies about QRP clubs around the world.

If you would like details of YOUR club in my new book please email me a few details.

I know that there are many in the USA and a few elsewhere that I need to find out about to include.

I need a little bit of history, a bit about what you do now and if possible even a photo.

The book will be called the History of QRP 1949 - 2003

73/2

Dick Pascoe G0BPS
Vice President QRP-ARCI.
SSB & Data manager G-QRP Club

Do you Yahoo? My Messenger ID is G0BPS

All mail from me is checked by Norton
before posting and is (hopefully) Virus Free.

Date: Thu, 20 Mar 2003 14:31:39 -0800
From: ronald@atdial.net
To: qrp-1@lehigh.edu
Subject: [147925] 5 watt mod for 38 Special
Message-ID: <3E79D0CB.28735.127E9F7@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Gang;

I am doing the Mike, K1MG/Paul, NA5N version of the 5 watt mod on the 38 Special. Perhaps someone could help me resolve the conflict on the mod page of the manual where it lists as needed one 10 ohm and one 10k resistor, and later calls out R-103 as 10k and R-104 as 10k also. Should one of these be 10 ohm, and if so which one?

Thanks,

Ron, KE6RS
ronald@atdial.net

Date: Thu, 20 Mar 2003 22:47:05 -0000
From: "Juan Ferrari" <puntrad@usa.net>
To: <kl7r@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [147926] Re: hellschreiber with qrp cw rigs?
Message-ID: <004801c2ef32\$a36677c0\$1a309e40@puntana.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Mike.
I used a program by Nino Porcino IZ8BLY. I lost it in my last disk crash and now when I tried to get it back Nino's page is not available for me. Probably someone in the list may have a copy of the file and let us copy it.
72

Juan - KG4FSN
----- Original Message -----
From: Mr Mike Caughran <kl7r@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Thursday, March 20, 2003 7:07 PM
Subject: hellschreiber with qrp cw rigs?

> Is there windows software which will key
> a qrp cw rig with 122 hz hellschreiber?
>
> -----
> Do you Yahoo!?
> Yahoo! Platinum - Watch CBS' NCAA March Madness, live on your desktop!
> <http://platinum.yahoo.com>

Date: Thu, 20 Mar 2003 17:45:18 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@LeHigh.EDU>
Subject: [147927] Sponsoring the RAC Contests QRP Plaques...
Message-ID: <Pine.LNX.4.33.0303201735580.22551-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

With the arrival of the ARCI cheque and another chequ our reality total is now at \$465.00 with 2 more donations that I know of "in the mail".....

...a picture of the plaque may be seen at <http://www.rac.ca/qrpcan/plak98.htm>

...the donors so far are:

(Earl, VA6RF), (Pat, VE6AAN), (Guy, VA2SVP), (Bob, VE3GND), (Doug, VE4TG), (Bruce, VE5RC), <Frank, KL0SW>, <Ted, VE3FUL>, <Niels, VA6NJ>, <Fred, VE3FAL>, <John, VE3JC>, <Buck, N8CQA>, <Craig, VE4WI>, <Ron, VE3SP>, <Rob, VE3FLB>, <Bill, VE3XT>, <John, VE8NT>, <Jim, AL7FS>, <Dennis, VE3VG> and the members of ARCI (Amateur Radio Club International).....

..so let's put a "hold" on things until the 2 donations on the way arrive and I'll do another post at that time to bring everyone up to date...thank you very much!...

72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Thu, 20 Mar 2003 16:15:33 -0800 (PST)
From: Mr Mike Caughran <k17r@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [147928] Re: hellschreiber with qrp cw rigs?
Message-ID: <20030321001533.64168.qmail@web40411.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I sent a note and got a reply from
Nino IZ8BLY and he said that his HellSchreiber
would not key fast enough under Windows.

I then thought that a Pic for transmit

world work. I also considered the broad
keying...

I wonder if you could take the audio output of
IZ9BLY HellSchreiber and run it into a comparator
or something to boost the level up to that
which would be enough to key a transistor/rig?

If you could do that then maybe you could also
shape the keying somehow - maybe by changing
the pulse width?

Do you Yahoo!?
Yahoo! Platinum - Watch CBS' NCAA March Madness, live on your desktop!
<http://platinum.yahoo.com>

Date: Thu, 20 Mar 2003 19:35:10 -0500
From: "w8diz" <w8diz@fpqrp.com>
To: <qrp-l@Lehigh.EDU>
Cc: <fpqrp-l@mpna.com>
Subject: [147929] Truffle Tonight
Message-ID: <000701c2ef41\$bc7126c0\$b8cf1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

Not sure if this email will make it to QRP-L in time...

I will be the Truffle tonight. Listen somewhere between 7044
and 7047. Will call "CQ FP de W8DIZ K"
Exchange is RST SPC NAME and FP# (if you have one) or POWER.
Will be running 18 WPM.

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>

Date: Thu, 20 Mar 2003 17:29:36 -0800 (PST)
From: Mr Mike Caughran <kl7r@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [147930] Re: RFI or feedback issue
Message-ID: <20030321012936.82487.qmail@web40410.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

A couple things I have learned by experience on the subject:

Clip on rf chokes from Radio Shack work great.
Try them on your speaker and power supply leads.

Balanced antennas are the way to go.
Change your random dipole into the biggest loop you can put up in the same area. If you cant put up the loop try to choke off the imbalanced rf at the antenna by using a balun or 10 turn coax choke. You might think you have a balanced antenna since you have a dipole and twinlead but half of the antenna might be coupling into your house wiring better than the other half. Make it into a loop and this cant be a problem.
(I hear some hams just wrap a loop of wire around their houses under the eaves)

Feed line lengths are a big deal.
If you happen to have a length that presents a virtual short or an open to your tuner, you will get rf in the shack. Try adding 8 feet of twinlead and see what happens.

Artificial Grounds work great.
MFJ 931 artificial ground or the MFJ 934 tuner with artificial ground. If you have an old tuner or an old L network laying around. Try putting that old tuner and wattmeter between your rig/tuner and whatever ground you have. First tune for min swr on your main tuner then tune for max current in your ground. If you dont have a station ground at all, Try laying a 33 foot piece of wire out on your lawn or living room and using that as your counterpoise.

Lastly check for shorts and opens...
I put up a horizontal 80 meter loop in the dark and

couldnt understand why I had rf in the shack. In the morning I found that both legs of the loop were shorted to my metal roof :) Another time that I had rf in the shack one of the leads of my feeder broke loose at the antenna.

--- "Upton, Shawn" <SUpton@ALLEGROMICRO.com> wrote:
> This past weekend, I set up my radio, but I seem to
> have an RFI issue. I
> have a 40m dipole squeezed into a 30' run (zig-zag
> setup), with about 10' of
> 300 ohm twinlead to an MFJ-969 tuner, to my Scout.
> The Scout is powered by
> some off-brand switching power supply, which seemed
> quiet enough. No
> grounding is used. The radio is about 6' or so from
> the feedpoint of the
> antenna.
>
> The issue: My SSB audio comes through the Scout
> speaker with some
> distortion. And on 20m, if I just push the PTT, the
> radio will "howl". I'm
> not too surprised that 20m has issues--antenna is
> the wrong length--but all
> the other bands too?
>
> The Scout is left running at 50W, and when I tune
> the tuner, I am acheiving
> 1.5:1 SWR or so (as tuned by a MFJ-207--the Scout
> sees very low SWR, which
> seems to in step with the MFJ-969). I tried
> swapping coax (from tuner to
> radio) with no change, to make sure it wasn't a bad
> piece of coax. I don't
> have snap on ferrites, but I tried wrapping 20 turns
> of the power cord
> around a metal screwdriver, and had no change. This
> RFI does not seem to be
> band dependant. As for feedback on CW, well, the
> sidetone keeps me from
> checking.
>
> I tried out my FT-817 on the setup, and had no
> issues (with the radio
> setup). But that is only transmitting at 5W, not

> 50W. Also, when I did it,
> I did run the RF first through an Z-11, and then to
> the 969 on bypass, and
> just using the 4:1 balun in the unit.
>
> I'll try tonight changing power supplies to a linear
> that I have, and to see
> if the feedback exists when transmitting into a
> dummy load. Any
> suggestions? I really don't want to mess with
> grounding, as the only AC/DC
> ground is the ground pin in the receptical, and the
> RF ground would be kinda
> messy (a 1/4 wave of wiring running around the
> house). Plus, I find it hard
> to believe that I need an RF ground, what with the
> balanced antenna setup and
> the band-independant RFI issue.
>
> Thanks.
>
> KB1CKT
> Shawn Upton

Do you Yahoo!?

Yahoo! Platinum - Watch CBS' NCAA March Madness, live on your desktop!
<http://platinum.yahoo.com>

Date: Thu, 20 Mar 2003 20:38:14 -0500
From: "Joe W2KJ" <w2kj@bellsouth.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [147931] F.S. DSP units----SOLD
Message-ID: <007d01c2ef4a\$8addb840\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

The Timewave DSP units I had up for sale earlier have been
sold.

73, Joe W2KJ

Date: Thu, 20 Mar 2003 21:32:38 -0500
From: "w8diz" <w8diz@fpqrp.com>
To: <qrp-1@Lehigh.EDU>
Cc: <fpqrp-1@mpna.com>
Subject: [147932] Re: [fpqrp] Truffle Tonight
Message-ID: <002801c2ef52\$242fbbe0\$b8cf1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Gang,

Sorry for my poor operating. First time I used my mini-paddles, the German ones with the magnetic bottom, I tacked it to an Altoids can and the key kept falling off or sliding around. Back to my regular key :-). Also had trouble with dual VFOs.

Rig was the "soon to be world famous" multiPIG+
Antenna was a 470 Ft Horizonatal loop; average height @ 40 ft.

Here is the log for tonights truffle and TNX to all.

W4DU 559 GA Ken FP#-295 ... tnx for the MP+ to MP+ and new FP#
KG4LDY 559 VA Jim FP#-384 ... had trouble with your call?
N9NE 579 WI Todd 5W ... Todd, you are ALWAYS in there
K3ESE 599 MD Lloyd FP#-476 ... hard to miss that call
K5JHP 559 TX Bill 5W ... tnx Bill
W5YR 559 TX George FP#-404 ... tnx for the new FP# George.
AC5JH 559 OK Tom FP#-530 ... tnx Tom
K4FB 559 FL Paul FP#-109 ... Paul, your new FP# is 124!!!
K8CV 559 MI Walt FP#-541 ... tnx for the new FP# Walt
K5SR 559 TX Dale 5W ... tnx Dale
WA9TZE 559 WI Jim FP#-417 ... tnx for the new FP# Jim
W7KXB 559 AZ Bill FP#-543 ... tnx Bill (how's the west coast net?)
N5ZE 599 TX Lew 5W ... tnx Lew, your FP# is on it's way :-)
K0PC 559 MN Pat 5W ... tnx Pat
W2XN 559 FL Fred FP#-126 ... tnx Fred
W5TB 559 TX Doc 5W ... tnx Doc
K4BYF 559 FL Jack FP#-191 ... tnx for the new FP# Jack
W5USJ 559 TX Chuck 5W ... tnx Chuck; sri I had trouble wid ur call
K5DW 559 TX Don 5W ... tnx Don
AJ4AY 559 AL Jay FP#-115 ... must have heard "AY" a dozen times :-)

TNX to all that participated in the Winter Truffle hunt. Lotsa fun!

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>

Date: Thu, 20 Mar 2003 19:50:56 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [147933] FOX: Full Bag
Message-ID: <Pine.LNX.4.44.0303201947370.2872-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I looked for Doc but he was hard to find. Then went looking for Oregon and found him. Called a few times and he was worked. Then back up to where Doc was to be at and he was there pretty loud as always. I called him a lot and finally got him. Nice to work both FOXII in the first half hour.

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Thu, 20 Mar 2003 21:44:21 -0500
From: Nick Foster <zaphod@coe.neu.edu>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [147934] narrowband filter design
Message-ID: <051A2F90-5B47-11D7-BCA6-003065C6698A@coe.neu.edu>
Mime-Version: 1.0 (Apple Message framework v551)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

Hey gang,

I'm trying to design a narrowband filter for a project of mine -- I'm creating a magnetometer, to be towed behind a boat. The frequency of interest is around 2130Hz, with a bandwidth of around 200-300Hz.

In practice, each measurement will have a single, fixed frequency. So,

I can use a very very narrow filter on it. However, I don't know before I make the measurement what frequency it will be filtering on! An active filter is therefore pretty nice.

Maxim makes the MAX260, a microprocessor-controlled active filter that looks pretty good, but pretty old. Has anyone used this filter for their projects, and had success with it? The idea would be to set it to a wide bandpass, take an initial measurement of the frequency of interest, and then "zoom in" on the signal by narrowing the passband.

I'm also looking for a low-noise, fixed frequency filter for the front end, to be placed right after a preamp. What do the best CW filters use? I don't know much in the way of practical filter design, but boy can I calculate filter coefficients. =P

--nick

Date: Thu, 20 Mar 2003 20:52:27 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "Upton, Shawn" <SUpton@ALLEGROMICRO.com>, <qrp-1@Lehigh.EDU>
Subject: [147935] Scout RFI
Message-ID: <016701c2ef54\$e82eaea0\$4e100a0a@rohredt2000>

Shawn, this is easily RFI by the radio being so close to the antenna.

Things you can do that will help, Twist the power leads together and make them of no. 12 wire or no. 14. The metal screwdriver will not help make a choke core for RF. Make sure your power wires are not 1/8 or 1/4 wave long at the bands of interference.

Although it normally does not need a counterpoise for a dipole fed centerwise, you might try one cut for each band of interest, (problem) from the ground jack and quarterwave long, and insulated. Just stretch along the ground or base board. Later, when you get some ferrites, you can try them.

The Scout has a big core just inside the chassis on the 12 volts line. But, try to see if all the grounding screws of the boards are making tight contact, and all shields internal to the radio on the small coax are tightly making contact.

Try a disc ceramic bypass on the output of your power supply, Say a 0.1 mf one across plus to minus.

Hope one of these helps,
I have seen this on field day from bad coax jumpers rig to tuner, or bad

coax plugs with loose shield connections. And it was on 20m. Worked great with good coax and tight plugs. Just one turn loose did it to me.

GL and 72,

Stuart K5KVH

Date: Thu, 20 Mar 2003 21:5:22 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [147936] FOX==lots of QRN at K0eVZ
Message-ID: <41200335213522712@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Title says it all = S-8 QRN at K0EVZ for Da FOX. Keep calling, and I will try to dig you out. Wow.

73,

--Doc/K0EVZ

Date: Thu, 20 Mar 2003 21:02:34 -0600
From: Dave Hottell <hottell@gulftel.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [147937] FOX: Ruff foxii tonight
Message-ID: <3.0.6.32.20030320210234.00850100@pop.gulftel.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

I don't know about anyone else, but my hat is off the both foxii this evening. Conditions here in coastal AL were ruff. Lots of QRN. A lot of lightning somewhere. They both pulled me out, noise or no. And quickly at

that. A job well done! Congrats to both Doc and Dan for being top quality foxii!!

Good to be back in the hunt this evening. Missed the last two weeks due to a family emergency. Sorry to see the season end so quickly. Looking forward to the summer hunts.

73 es gl to all,
Dave
ab9ca

Date: Fri, 21 Mar 2003 03:03:31 +0000
From: Kevin L Anderson <k9iua@juno.com>
To: qrp-l@lehigh.edu
Subject: [147938] Nada in Iowa
Message-ID: <20030321.031600.10166.0.K9IUA@juno.com>

I hope you others are having better luck.
So far I have not heard a peep from either fox
here in eastern Iowa. Although I hear some
hunters calling both of the them, it is not a great
number of those I'm hearing either. So it
looks like I won't even make .500 for the season
with the conditions tonight. But who knows,
I'll keep listening for awhile.

Cheers/73,
Kevin, K9IUA

* * * * *
Kevin Anderson, K9IUA, Dubuque, Iowa
K9IUA (at) juno (dot) com Opinions all my own.
* * * * *

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Date: Thu, 20 Mar 2003 22:2:46 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>

Subject: [147939] K0EVZ--first thoughts
Message-ID: <41200335214246414@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Well it was a blast tonite, but terrific QRN and QSB during the last half. Did my best to dig everyone out, but may have missed some. Then I knew the hunt was over when I worked Todd AG0T at 0350 [g]. Yikes. Thanks everyone. Lot ASAP.

73,
--Doc/K0EVZ

Date: Thu, 20 Mar 2003 22:05:02 -0600
From: "George, W5YR" <w5yr@att.net>
To: <dock0evz@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [147940] Re: FOX==lots of QRN at K0eVZ
Message-ID: <017b01c2ef5f\$0db73fc0\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry you had to work so hard, Doc, but you really did a number down this way. Good strong signals . . .

The NE-TX Tornados managed another pair of Clean Sweeps tonight, thanks in part to your good signal and sharp ears, Doc!

Thanks to you and all the committee for making our Fox Hunts possible.

Now come the withdrawal symptoms! <:{

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE

"In the 57th year and it just keeps getting better!"
<mailto:w5yr@att.net>

----- Original Message -----

From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, March 20, 2003 9:00 PM
Subject: FOX==lots of QRN at K0eVZ

> Gang:
>
> Title says it all = S-8 QRN at K0EVZ for Da FOX. Keep calling, and I will
> try to dig you out. Wow.
>
> 73,
> --Doc/K0EVZ
>
>
>
>
>
>
>
>

Date: Thu, 20 Mar 2003 22:5:55 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "Todd Enders" <enders@bolshoi.cc.misu.nodak.edu>,
"qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [147941] Re: FOX==lots of QRN at K0eVZ
Message-ID: <41200335214555836@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Todd:

Many thanks for hanging in there. You were probably 569 though I gave you the pro forma 559. But when I worked you, I knew that the hunt was over as the band had gone very short. What was your setup?

73,
--Doc/K0EVZ

> [Original Message]
> From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
> To: <dock0evz@earthlink.net>
> Date: 3/20/2003 9:29:43 PM
> Subject: Re: FOX==lots of QRN at K0eVZ
>
>
> Doc,
>
> Unfortunately, I've yet to hear you at anything above
> *very* ESP levels (can sometimes tell *something* is there
> on 7041, but that's about it) tonight. Unless that was you
> tuning up about 5 min. before the hunt -- whoever it was,
> they were Q5 copy... :-/ I was rather hoping you'd be as
> loud up here as you were *last* week. :-/ Oh well, that's
> foxhunting! :-)
>
> 72/73,
>
> Todd, AG0T

Date: Thu, 20 Mar 2003 20:26:52 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: a low-energy group <qrp-l@lehigh.edu>
Subject: [147942] FOX: Gone to ground
Message-ID: <20030321042652.94377.qmail@web41010.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I just wanted to acknowledge the GREAT Winter Fox
Hunt - my first - and to thank the guys who produced
it: N1FN, ET; N1TP, Tom; K0EVZ, Doc; K7QO, Chuck and
VE5RC, Bruce. Thanks!

Besides being something to brighten up each week

during the dreary season, the Hunt provides an extraordinary environment for developing and honing good operating skills - because QRP takes skill - and to display those skills. We get to do it with our friends, and we can talk about it on the list.

For me, a lot of the essence of the hobby is found here: people who understand the technical side of their gear, but like to play with it; people who can make their own rigs and antennas and feedlines and accessory gear, but also use it enough to become proficient with it, so that it's a joy to use; hams who can and do establish communications that are dependable, using minimal (and affordable) gear.

Thanks to all the Hounds and Foxii, for being there each week, and for having great rigs, great fists, and great ears! Hope to see everybody on twenty meters soon...

=====

73, 72 es oo, Lloyd, K3ESE

K1 # 00379 - 20/40M Rock-Mites - Hunk o' Wahr

ARRL - ARS #1301 - FISTS #8774 - WATPK #8

FPqrp #476 - BORG #2 - QRParci #11147

QRP-L #2415 - SOC #530

Fun = Skill / Power

"You can't spell Lloyd without lol!"

Do you Yahoo!?

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<http://platinum.yahoo.com>

Date: Thu, 20 Mar 2003 21:08:02 -0800

From: "Trevor Jacobs" <kg6cyn@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Cc: <dock0evz@earthlink.net>, <talljazz@teleport.com>

Subject: [147943] FOX: Doin' the Twofer Twostep!!!

Message-ID: <012801c2ef67\$d9b23500\$1d8fb2d1@tjacobs>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hey Gang,

Good night to end the season on! Got Dan N7CQR early. Dan, you had a real good signal into Burbank tonight for the entire hunt! Was thinking about working you agn at reduced power, but the YL came home and I needed to spend time with her. Doc, thanks for filling in for Don tonight (whom I hope is on the path to feeling better!). I didn't think that you got me the first time as the call wasn't exactly mine, so I called you agn and you informed me that I was in the log. Doc, you came up to a true 579 to 589 around 03:30 and then started to fade a bit, but I could still hear you in there at the end. Good signals from both FOXII tonight. A very big "Thank You" goes out to all of the FOXII and folks involved with putting the hunt together. Sure makes Thursday night interesting! Congratulations to the "NE-TX Tornados" for winning the team event! Way to go guys! Sure would like to hear what each of your rig/antenna set ups were like. FWIW the Burbank Wrecking Crew had a clean sweep on both FOXII tonight. Good way to end the season! Can't wait until the Summer 20 Meter Hunt! Take care...

73's Trev KG6CYN

<http://home.earthlink.net/~kg6cyn>

<http://www.qsl.net/kg6cyn>

Date: Thu, 20 Mar 2003 23:55:49 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [147944] Not the best outing ;^(
Message-ID: <412003352155549848@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Thanks again to all who dropped this evening. Too bad that Don NK6A could not take his scheduled turn. Then turned out that I had a sudden attack of flu which was very disabling. Made a couple of quick trips across the hall during the hunt. This made for a long two hours tonight [g].

Early count is about 87 QS0es, barring any dupes. Of these 51 were in the first hour. QRN was very high (average S-8), and QSB became a challenge in the second hour. In a couple of cases I simply could not even dig out a call. Then toward the end someone began to call CQ right on my transmit frequency. Thanks to whoever successfully asked him to QSY.

Setup here was a K2 at 5 watts powered by a deep cycle marine battery.

Antenna was a 560' foot horizontal loop up 33'.

Will post a log ASAP, but it will likely be Saturday. By the way, kudos to Don NK6A, who did manage to drop by during the hunt at 0312. Thanks again to everyone who took part tonight. Now off to bed.

73,

--Doc/K0EVZ

Date: Fri, 21 Mar 2003 00:55:34 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "EPA-QRP" <EPA-QRP@yahoogroups.com>,
"NoVAQRP" <NoVaQRP@topica.com>, "NJQRP" <njqrp@njqrp.org>,
Subject: [147945] Atlanticon Speaker - Craig Johnson, AA0ZZ
Message-ID: <005501c2ef6e\$7fff6440\$1dc03ad0@GHLTP4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey folks, there's only about 8 days left before Atlanticon 2003 QRP Forum begins!

Although 3 feet of snow fell in Denver, CO (where I've been stuck for going on 3 days in the DIA airport), the weather in BALTIMORE has been in the mid 70's this week ... and it's going to be great next week too.

We've thus far announced 3 of the great speaker line-up we have: KI6DS, KA5DVS and K8IQY. Here's the 4th one we have lined up, and man, what a treat this is going to be as well. Some of you will recognize Craig Johnson, AA0ZZ from the experimenters in the HamPIC group and from useful homebrewing comments here on the Lists. We're real fortunate to have AA0ZZ join us at Atlanticon this year to overview a project he's been working on for the last 12-15 months ...

Craig will be discussing his latest digital VFO project design, featuring the Analog Devices AD9854 Direct Digital Synthesis device. The AD9854 DDS

is a step beyond the widely-used AD9850 for certain applications in that it has two output signals with a 90 degree phase difference between them (quadrature). This phase relationship remains constant regardless of the frequency. When used with a direct conversion phasing-type HF receiver (such as an R2Pro) or a single-sideband transmitter, these two outputs make it easy to provide opposite sideband suppression over a frequency range of 0 to 30 MHz without switching components for the various frequency bands. Of course, the VFO can easily be used for a CW transmitter as well.

AA0ZZ will discuss the principles of Direct Digital Synthesis, and he'll discuss how it is done in his current project, using two PIC microcontrollers to control the AD9854 operation. Pros and cons of using a DDS device vs other digital frequency synthesis techniques or analog techniques (such as Hartley or Colpitts oscillators) will be discussed.

When Craig and his colleague developed the code for the two PIC microcontrollers in this project, they did it with other experimenters in mind. They attempted to document the code, to make it as clear as possible by reading the comments in the source code. The source code will be made available for experimenters, to allow them to understand the current design and to modify it to suit their own needs.

Craig will present the VFO project as a work-in-progress. He will discuss a number of options for changing and extending design, to encourage experimenters to improve the current design and to find answers to the questions about how a DDS device performs in various situations.

This will be a great presentation and a super paper in the Proceedings (which are all printed up now, thanks to Scott Gregson of EMTECH). If you're still on the fence about attending this year's Atlanticon, we sure hope that Craig's topic will inspire you to make your reservations!

It's going to be a real fun QRP weekend! We have some super prizes lined up, and I understand there's going to be a very cool new kit unveiling ;-)

73, George N2APB n2apb@amsat.org
for the Atlanticon QRP Forum at:
<http://www.njqrp.org/atlanticon/Atlanticon2003.html>

=====

About Craig Johnson, AA0ZZ ...

Craig lives in St. Paul Minnesota. He has a Bachelor's degree in Electrical Engineering as well as an MBA. He has worked his entire career for one company, Unisys, where he is involved with the design/development of large computers. After starting out in computer hardware, he moved to software development where he works on the operating system.

Craig is married, and has three children. His two daughters are students at Bethel College in St. Paul, and his son is a junior in high school.

Craig got his first ham license in 1964 at the age of 14. However, during his college years and following, he let his license lapse and concentrated on computers. In 1995, two of his children (age 14 and 10) expressed interest in amateur radio so Craig offered to help them get their licenses. All three went on to get their licenses together. Then Craig went on (in the next 5 weeks) to his Extra Class license. For several years after that, Craig led a team of Volunteer Examiners, helping hundreds of people in the St. Paul area get or upgrade their licenses. He still serves as a VE on occasion. He is an active member of the Minnesota QRP Society.

Craig enjoys operating QRP, DXing and contesting. However, he is happiest when he is tinkering, building, or experimenting with new designs and new circuits. Working with microcontrollers and experimenting with new digital components are his current interests.

Date: Thu, 20 Mar 2003 22:41:54 -0800
From: Dan Presley <dpresley1@comcast.net>
To: qrp-l@LeHigh.EDU
Subject: [147946] Fox: fun run!
Message-ID: <p05010445baa0629a2dbb@[192.168.123.199]>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7BIT

Well, that went pretty smoothly, and was fun! Despite less than stellar conditions and a bit of intentional qrm I still managed about 94 pelts. I was tempted to stop about a minute early as Bruce VE5RC would have been my last 'Q', and that I thought would be appropriate as he manages the team competition, but I managed to squeeze one more in. I did have a few folks who wouldn't or couldn't stop calling over the top of a station I was trying to work-maybe they were 'deaf', but they would stop when I finally would say '9xxx only!' (or whatever the call was). Maybe they had their attenuators on, or pre amps off :). I'm pretty stubborn about finishing a contact once I hear even a partial call, even if it slows the rate down. Other than that, I'm honored to be a fox along with Doc K0EVZ for the last hunt of the season. Thanks to all for your patience, and log to follow soon.

--
Dan Presley-N7CQR-Portland, Or QRP-L #502
n7cqr@arrl.net

Date: Fri, 21 Mar 2003 08:00:01 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: zaphod@coe.neu.edu, qrp-1@Lehigh.EDU
Subject: [147947] Re: narrowband filter design
Message-ID: <F58I08MF10a9bcM7dbJ0000d918@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: Nick Foster <zaphod@coe.neu.edu>
>Reply-To: zaphod@coe.neu.edu
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: narrowband filter design
>Date: Thu, 20 Mar 2003 21:44:21 -0500
>

>Hey gang,

>
>I'm trying to design a narrowband filter for a project of mine -- I'm
>creating a magnetometer, to be towed behind a boat. The frequency of
>interest is around 2130Hz, with a bandwidth of around 200-300Hz.

Why not use DSP. If you have a laptop you could implement it on that, with a soundcard (plenty of software around). You could put it on a dedicated DSP later, if you wish.

Leon

--

Leon Heller, G1HSM Tel: +44 1424 423947
Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller

Surf together with new Shared Browsing
<http://join.msn.com/?page=features/browse&pgmarket=en-gb&XAPID=74&DI=1059>

Date: Fri, 21 Mar 2003 04:56:43 -0500
From: Pete Burbank <plburbank@earthlink.net>
To: dock0evz@earthlink.net,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [147948] Re: FOX==lots of QRN at K0eVZ
Message-ID: <5.2.0.9.0.20030321044106.00a4bb80@Earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:05 PM 3/20/2003, Doc K0EVZ wrote:

>Gang:

>

>Title says it all = S-8 QRN at K0EVZ for Da FOX. Keep calling, and I will
>try to dig you out. Wow.

>

>73,

>--Doc/K0EVZ

Yup, That was pretty strange.....Lots of QRN here too. Big QSB on your
signal. Like S8 to S zero.

I had a time figuring out where you were listening as I could not hear the
other beastly hounds.

The only thing I can figure about the QRN is that it is due to all the wild
fronts that are crossing the country.

The A index is a bit high but not that bad. The solar flux is taking a dive
so that could be a factor.

Vy 73

Pete NV4V Ky

Date: Fri, 21 Mar 2003 06:12:56 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Kevin L Anderson <k9iua@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [147949] Re: Nada in Iowa
Message-ID: <Pine.LNX.4.44.0303210609590.1411-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Kevin, you didn't bow and scrape in the direction of the propagation
God. So it left you in the too close, and too far distance.

On Fri, 21 Mar 2003, Kevin L Anderson wrote:

> I hope you others are having better luck.
> So far I have not heard a peep from either fox
> here in eastern Iowa. Although I hear some
> hunters calling both of the them, it is not a great

> number of those I'm hearing either. So it
> looks like I won't even make .500 for the season
> with the conditions tonight. But who knows,
> I'll keep listening for awhile.
>
> Cheers/73,
> Kevin, K9IUA
> * * * * *
> Kevin Anderson, K9IUA, Dubuque, Iowa
> K9IUA (at) juno (dot) com Opinions all my own.
> * * * * *
>
>
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--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Fri, 21 Mar 2003 08:10:11 -0500
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [147950] Lightning & Wires
Message-ID: <3E7B0F33.6881A72A@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Whenever I'm not using my random wire I disconnect it from the tuner and hook it onto my ground bus. During a thunderstorm last night I wondered if this was a smart thing to do. See, when a storm approaches I disconnect everything, except for the ground connections to my equipment. So I wonder if lightning would hit my wire, is my equipment still going to be toast because the lightning will use the convenient ground bus to do it's destructive business?

73,
--Alex KR1ST

Date: Fri, 21 Mar 2003 08:38:54 -0500
From: "Upton, Shawn" <SUpton@ALLEGROMICRO.com>
To: Stuart Rohre <rohre@arlut.utexas.edu>
Cc: qrp-1@lehigh.edu
Subject: [147951] RE: is this an indoor antenna?
Message-ID: <E1F0152638DBD311AEF700D0B74455E2C88A2D@exchange_nh.allegromicro.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

No, it's hung on an porch, up under the roof, at the 7' level or so. Not real high, but a first attempt at putting up something RF worthy enough to get on the air. [It's an apartment, BTW.] I'll fool around with the power supply when I get back this weekend, and see if I get some relief that way.

I was hoping to leave the radio where it was; otherwise, I don't have another place in the apartment for the radio setup. Technically, the furthest part of the apartment is probably no more than 20' away from the antenna. I have thought of a long wire antenna, but the grounding issues have prevented me from really looking at that. End fed halfwave's (with a tuner in the apartment) sound nice, but I still have to run the wire somewhere, and then I have to either use a good ground or multiple wires.

Shawn Upton, KB1CKT

-----Original Message-----

From: Stuart Rohre [mailto:rohre@arlut.utexas.edu]
Sent: Thursday, March 20, 2003 9:56 PM
To: Upton, Shawn
Subject: is this an indoor antenna?

With the radio only 6 feet from the antenna feedpoint, I have to ask, is it indoor? If so, you will have feedback galore because of other incidental conductors of the house. You might also, from wires in attic if the antenna is there or barely off the roof. And yes, we also had the SSB audio in the speaker when the RFI from bad coax and loose plugs was in play. We fed from tuner with 450 ohm ladder line to center of Double Zepps, but centers were 40 feet high.

Again, GL,
Stuart

Date: Fri, 21 Mar 2003 09:04:53 -0500 (Eastern Standard Time)

From: W2AGN <w2agn@w2agn.net>
To: qrp-1@Lehigh.EDU
Subject: [147952] Re: K0EVZ--first thoughts
Message-ID: <3E7B1C05.000001.77345@w2agn>
MIME-version: 1.0
Content-type: Text/Plain
Content-transfer-encoding: 7BIT

Conditions tonight were as bad as for the Armadillo Hunt. Had bad QRN here, also. Doc usually has one of the best signals here, but he was only 339 tonight, with bad QSB. Doc kept sending "AGN?" and I kept sending my call, but then he went back to someone else. ;-)

Finally got him, marginally. Never heard the Oregon Fox. I could barely hear the Pesky Texans here. Oddly enough, receive was better on the low dipole, than on the 300' loop.

Sorry to see the season end, but it is another sign of Spring, at least! Finished up with 29 pelts, which is a season best for me.

+---+---+---+ John L. Sielke
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----Original Message-----

From: dock0evz@earthlink.net
Date: Thursday, March 20, 2003 11:28:14 PM
To: Low Power Amateur Radio Discussion
Subject: K0EVZ--first thoughts

Gang:

Well it was a blast tonite, but terrific QRN and QSB during the last half. Did my best to dig everyone out, but may have missed some. Then I knew the hunt was over when I worked Todd AG0T at 0350 [g]. Yikes. Thanks everyone. Lot ASAP.

73,
--Doc/K0EVZ

.

Date: Fri, 21 Mar 2003 09:18:00 -0500
From: "Jim Stamper" <jstamper@shentel.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [147953] Re: RFI or feedback issue
Message-ID: <004f01c2efb4\$afe57f00\$0d626fcc@jim>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I once had similar problem. On SB found running my mike cord through a toroid helped.

jim-
KG4LDY

----- Original Message -----
From: "Mr Mike Caughran" <k17r@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, March 20, 2003 8:29 PM
Subject: Re: RFI or feedback issue

> A couple things I have learned by experience on the
> subject:
>
> Clip on rf chokes from Radio Shack work great.
> Try them on your speaker and power supply leads.
>
> Balanced antennas are the way to go.
> Change your random dipole into the biggest loop
> you can put up in the same area. If you cant
> put up the loop try to choke off the imbalanced
> rf at the antenna by using a balun or 10 turn
> coax choke. You might think you have a
> balanced antenna since you have a dipole and twinlead
> but half of the antenna might be coupling into your
> house wiring better than the other half. Make it
> into a loop and this cant be a problem.
> (I hear some hams just wrap a loop of wire around
> their houses under the eaves)

>
> Feed line lengths are a big deal.
> If you happen to have a length that presents a
> virtual short or an open to your tuner, you will
> get rf in the shack. Try adding 8 feet of twinlead
> and see what happens.
>
>
> Artificial Grounds work great.
> MFJ 931 artificial ground or the MFJ 934 tuner
> with artificial ground. If you have an old tuner
> or an old L network laying around. Try putting
> that old tuner and wattmeter between your rig/tuner
> and whatever ground you have. First tune for min swr
> on your main tuner then tune for max current in your
> ground. If you dont have a station ground at all, Try
> laying a 33 foot piece of wire out on your lawn or
> living room and using that as your counterpoise.
>
> Lastly check for shorts and opens...
> I put up a horizontal 80 meter loop in the dark and
> couldnt understand why I had rf in the shack. In
> the morning I found that both legs of the loop were
> shorted to my metal roof :) Another time that
> I had rf in the shack one of the leads of my feeder
> broke loose at the antenna.
>
>
>
> --- "Upton, Shawn" <SUpton@ALLEGROMICRO.com> wrote:
> > This past weekend, I set up my radio, but I seem to
> > have an RFI issue. I
> > have a 40m dipole squeezed into a 30' run (zig-zag
> > setup), with about 10' of
> > 300 ohm twinlead to an MFJ-969 tuner, to my Scout.
> > The Scout is powered by
> > some off-brand switching power supply, which seemed
> > quiet enough. No
> > grounding is used. The radio is about 6' or so from
> > the feedpoint of the
> > antenna.
> >
> > The issue: My SSB audio comes through the Scout
> > speaker with some
> > distortion. And on 20m, if I just push the PTT, the
> > radio will "howl". I'm
> > not too surprised that 20m has issues--antenna is
> > the wrong length--but all

> > the other bands too?
> >
> > The Scout is left running at 50W, and when I tune
> > the tuner, I am acheiving
> > 1.5:1 SWR or so (as tuned by a MFJ-207--the Scout
> > sees very low SWR, which
> > seems to in step with the MFJ-969). I tried
> > swapping coax (from tuner to
> > radio) with no change, to make sure it wasn't a bad
> > piece of coax. I don't
> > have snap on ferrites, but I tried wrapping 20 turns
> > of the power cord
> > around a metal screwdriver, and had no change. This
> > RFI does not seem to be
> > band dependant. As for feedback on CW, well, the
> > sidetone keeps me from
> > checking.
> >
> > I tried out my FT-817 on the setup, and had no
> > issues (with the radio
> > setup). But that is only transmitting at 5W, not
> > 50W. Also, when I did it,
> > I did run the RF first through an Z-11, and then to
> > the 969 on bypass, and
> > just using the 4:1 balun in the unit.
> >
> > I'll try tonight changing power supplies to a linear
> > that I have, and to see
> > if the feedback exists when transmitting into a
> > dummy load. Any
> > suggestions? I really don't want to mess with
> > grounding, as the only AC/DC
> > ground is the ground pin in the receptical, and the
> > RF ground would be kinda
> > messy (a 1/4 wave of wiring running around the
> > house). Plus, I find it hard
> > to belive that I need an RF ground, what with the
> > balanced antenna setup and
> > the band-independant RFI issue.
> >
> > Thanks.
> >
> > KB1CKT
> > Shawn Upton
>
>
>

> Do you Yahoo!?

> Yahoo! Platinum - Watch CBS' NCAA March Madness, live on your desktop!
> <http://platinum.yahoo.com>
>

Date: Fri, 21 Mar 2003 09:44:36 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [147954] Sorta OT: Interesting article abt Hams in USA-Today
Message-ID: <5.2.0.9.2.20030321094239.02431e38@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Dr. Marvin Moss, W4UXJ brought this to my attention... and it's certainly worth a look.

>http://www.usatoday.com/tech/news/2003-03-19-ham-crisis_x.htm

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"Suppose you were an idiot ...
And suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Fri, 21 Mar 2003 07:10:15 -0800 (PST)
From: Steve Holloway <wsholloway1@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [147955] For Sale 40 meter SW+
Message-ID: <20030321151015.99041.qmail@web12807.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have a no mods SW+ (40 meter) in the accompanying enclosure. Works great, but I don't use it since I built the 20/20. Shipped CUSA \$65.

Thanks,

72,

Steve KE4JZG

Do you Yahoo!?

Yahoo! Platinum - Watch CBS' NCAA March Madness, live on your desktop!

<http://platinum.yahoo.com>

Date: Fri, 21 Mar 2003 09:16:35 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu
Subject: [147956] FOX Another Great Season
Message-ID: <3.0.2.32.20030321091635.007f6e70@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP-L Folks,

Thanks to the FOX Committee for another great 40 Meter Winter '02/'03 Fox Hunt.

N1FN- ET

N1TP- Tom

K0EVZ- Doc

K7Q0 - Chuck

VE5RC- Bruce

Now what to do with myself on Thursdays until next fall... [g]

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57

Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Fri, 21 Mar 2003 10:19:09 -0500
From: "Hartwell, Martin E, ALABS" <mehartwell@att.com>
To: <qrp-l@lehigh.edu>
Subject: [147957] FT817 vs Argo V vs K2
Message-ID: <6579C6377F475547985F0B3E426E16263285EF@0CCLUST01EVS1.ugd.att.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable

Hi=20

>From: Karl Heimbach <kheimbach@ev1.net>
>To: qrp-l@Lehigh.EDU
>Subject: [147892] Re: Comparison Argonaut V and FT-817

Snip=20

>Having said that, the Argonaut V does not do VHF or UHF. So for =
enhanced=20
>functionality, the FT-817 wins. Also, for those of us prone to =
connect=20
>everything electronic to a computer, Simon Brown's "FT-817 Commander" =
and=20
>"PSK31 Deluxe" are as nice as anything out there for a radio interface =
and=20
>digital operation.

>At 04:18 PM 3/19/2003 -0800, Another person wrote:
>I suspect the QSK in the 817 is not equal to that of
>the Argo. Anyone know for sure?
>

Quite right, and then if you add in the K2 for CW use another level of
operation. Three different operations all together, each has its strong
points each has draw backs, depending. I like the ease of use of both =
the
K2 and Argo V, I think I like the sound of the CW operation better on =
K2,
and for ease of use on digital connection and control software the =
ft817.
Once I have some new software for controlling both the K2 and the ArgoV
that may change. But for ease of transport the 817 wins with ease.

And I really don't miss not having more power that either of these rigs =
puts=20
out, even on marginal antennas, well my Buddie Pole I don't really =
consider=20
a marginal antenna, that is nice piece of work.

Marty Hartwell kd8bj

AT&T Columbus Ohio
Phone: (614) 501-2503
Pager: (888) 858-7243
PIN: 144747
mehartwell@att.com
Room2b07
8372 E Broad st.
Reynoldsburg, OH 43068

Date: Thu, 20 Mar 2003 22:42:06 -0500
From: "Ed Kessler" <aa3sj@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [147958] WX Band Converter?
Message-ID: <3E7A43BE.11957.AFBD886@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Good evening,

I would like to come up with a WX Band converter to use with my FT817. Before I reinvent the wheel, and come up with something on my own, I thought I'd query the group.

Do any of you know of a WX converter currently manufactured? I recently saw an MFJ unit on Ebay that converted 162MHz to 2 meters, I think, but it is no longer a current product.

Does anyone know of a good circuit that has been published?

73
Ed AA3SJ

Date: Fri, 21 Mar 2003 08:33:46 -0800
From: "John Paul Dooley" <portscom@hotmail.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [147959] FT-817 PS (?)
Message-ID: <0E23m1Q080Gxw8Zw5V600000ba2@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does anyone have the lowdown on a good source for an FT-817 PS??? I remember a while back that there was a good unit to be found, kind of like a laptop PS. Thanks for the bandwidth.

John W6ZIP
Victorville, Ca.
<http://qsl.net/w6zip/index.htm>

Date: Fri, 21 Mar 2003 11:09:26 -0600
From: "George, W5YR" <w5yr@att.net>
To: <kg6cyn@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [147960] Re: Doin' the Twofer Twostep!!!
Message-ID: <009501c2efcc\$a1589860\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for the kind words, Trev! We finished with another pair of Clean Sweeps ourselves - think that brought our total to 34 out of 40.

When the season started, we hoped that we would not embarrass ourselves too badly, but five old-timers never really expected to come out so far on top. Guess it is true that "age, treachery and deceit will triumph every time!"

You asked about station setup, so here is mine:

Rig: Icom IC-756PR02 at 5 watts output with LogicKey K-3 external keyer and Vibroplex Deluxe Iambic paddles.

Antenna farm:

1. 20-meter Extended Double Zepp (88 ft) E/W
at 35 ft fed with ladderline
2. Same only N/S with instant switching between.

3. 80-meter tilted full-wave loop from 20 to 40 ft
high fed with ladderline

4. Butternut HF9V vertical

Note that per N1TP's insistence, the Tornados agreed to use a maximum of three antennas on any one Hunt. Actually, it seldom took more than one . . .

Backup rigs are IC-756PRO, IC-765 and K2. Backup antenna (for thunderstorms!) is four parallel coax-fed full-size dipoles in attic for 80, 40, 30 and 20 meters.

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

Fairview, TX 30 mi NE of Dallas in Collin county EM13QE

"In the 57th year and it just keeps getting better!"

<mailto:w5yr@att.net>

----- Original Message -----

From: "Trevor Jacobs" <kg6cyn@earthlink.net>

Congratulations to the "NE-TX Tornados" for winning the
> team event! Way to go guys! Sure would like to hear what each of your
> rig/antenna set ups were like.

Date: Fri, 21 Mar 2003 12:30:55 -0500

From: "John McKee" <JMckee@rfmd.com>

To: <qrp-1@lehigh.edu>

Subject: [147961] Rockmite on 30m?

Message-ID: <EACAE5989DD8B1409788BFD6EDE3EC604CAF34@mail3.internal.rfmd.com>

content-class: urn:content-classes:message

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

Has anyone ever converted a Rockmite to 30 meters?

Thanks

John WB4OFT

Date: Fri, 21 Mar 2003 09:53:32 -0800

From: "Rich Johnson" <rjohnson390@attbi.com>

To: <jgoemans@facstaff.wisc.edu>, <qrp-1@lehigh.edu>
Subject: [147962] Re: Dan Tayloe does it again!
Message-ID: <001c01c2efd2\$c9e899f0\$5c96d00c@END0EB86CD98A1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Is there a kind folk out in QRP land that would email or snail mail me a copy of said RF Design article.
I do not currently have access to that periodical.

Thank you thank you

cheers,
rich

----- Original Message -----

From: "Goemans" <jgoemans@facstaff.wisc.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, March 19, 2003 3:41 PM
Subject: Dan Tayloe does it again!

> Hi all,
> Congrats to Dan Tayloe N7VE on his fine article in the March issue of RF
> Design; "A Low-noise, High-performance Zero IF Quadrature
> Detector/Preamplifier". Whew, that's a mouthful! Yep he mentions his
> "personal amateur radio hobby use"
>
> 72, Paul
>
>
>
> Paul Goemans WA9PWP
> Stoughton, WI 53589
> all email checked by NAV2003
>

Date: Fri, 21 Mar 2003 11:53:54 -0600
From: Jim Giammanco <giamman@rouge.phys.lsu.edu>
To: qrp-1@lehigh.edu, aa3sj@arrl.net
Subject: [147963] Re: WX Band Converter?
Message-ID: <3E7B51B2.88CBE8EB@rouge.phys.lsu.edu>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I had posted something on this a few months back, but can't lay hands on that message just now. But the gist of the posting was that a conversion can be accomplished by using one of those crystal oscillator module cans, say a 16 MHz one, and just coupling the output of the can to the 817's antenna by wrapping a turn or two of wire around it. No physical or hard-wired connection or modification to the rig needed. Just mount the oscillator in a small box with a battery (Altoids???) If you floated the ground and connected a metal box to the oscillator output you might couple enough just by holding it close to the antenna

The 16 MHz will mix in the front end with the 162 MHz WX signal and show up at 146 MHz. I tried this with several different 2 m FM radios and it worked with everything from HT's to mobile rigs. No reason why it shouldn't work with an 817.

Those little cans are cheap - DigiKey #CTX116-ND is \$2.78 in singles.

72
Jim N5IB

Date: Fri, 21 Mar 2003 12:52:55 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <kr1st@amsat.org>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [147964] Re: Lightning & Wires
Message-ID: <005c01c2efd2\$b4df5120\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Whenever I'm not using my random wire I disconnect it from the tuner and
> hook it onto my ground bus. During a thunderstorm last night I
> wondered if this was a smart thing to do. See, when a storm approaches I
> disconnect everything, except for the ground connections to my
> equipment. So I wonder if lightning would hit my wire, is my equipment
> still going to be toast because the lightning will use the convenient
> ground bus to do it's destructive business?
>

> 73,
> --Alex KR1ST

I'd disconnect and throw it out the window!! And hopefully you have a 'spark gap' to ground somewhere near where it comes into the house.

Mike

Date: Fri, 21 Mar 2003 11:04:46 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Upton, Shawn" <SUpton@ALLEGROMICRO.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [147965] RE: is this an indoor antenna?
Message-ID: <Pine.LNX.4.44.0303211100430.2043-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Shawn, please keep me informed on what you try and how it works in your apartment. This is an interesting antenna subject, and I plan to write a paper on how to get on 40 meters in an apartment not allowing antenna's of any type.

On Fri, 21 Mar 2003, Upton, Shawn wrote:

> No, it's hung on an porch, up under the roof, at the 7' level or so. Not
> real high, but a first attempt at putting up something RF worthy enough to

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Fri, 21 Mar 2003 11:10:20 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: John Paul Dooley <portscom@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [147966] Re: FT-817 PS (?)
Message-ID: <Pine.LNX.4.44.0303211106010.2043-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi John, MFJ has a switcher PS that will run your FT-817 just fine. I have one and it seems quiet to me. But now I have the MFJ-4126

25 amp at 13.8 VDC switcher which runs everything on my bench and my Kenwood TS-50S QRO rig. This high power switcher is \$110.00 about.

On Fri, 21 Mar 2003, John Paul Dooley wrote:

> Does anyone have the lowdown on a good source for an FT-817 PS??? I remember
> a while back that there was a good unit to be found, kind of like a laptop
> PS. Thanks for the bandwidth.
> John W6ZIP
> Victorville, Ca.
> <http://qsl.net/w6zip/index.htm>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Fri, 21 Mar 2003 12:40:03 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: JMcKee@rfmd.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [147967] Re: Rockmite on 30m? [Works Fine]
Message-ID: <3.0.2.32.20030321124003.007f4cb0@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

John,

I've put one on 30 and I think a couple of others have. My original info is on the Rock-Mite Files website. I've done some updates to that info too. I can send the latest info to you if you'd like. Along with the 30 meter version, I've put one on 80 and 15 meters too.

At 12:30 PM 03/21/2003 -0500, John McKee wrote:
>Has anyone ever converted a Rockmite to 30 meters?
>Thanks
>John WB4OFT
>

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Fri, 21 Mar 2003 13:12:36 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Chuck Carpenter <w5usj@9plus.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [147968] Re: FOX Another Great Season
Message-ID: <Pine.LNX.4.33.0303211312040.15706-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...thank you Chuck...the Summer hunt will be next eh!?.....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

On Fri, 21 Mar 2003, Chuck Carpenter wrote:

> QRP-L Folks,
>
> Thanks to the FOX Committee for another great 40 Meter Winter '02/'03 Fox
> Hunt.
>
> N1FN- ET
> N1TP- Tom
> K0EVZ- Doc
> K7Q0 - Chuck
> VE5RC- Bruce
>
> Now what to do with myself on Thursdays until next fall... [g]
>
>
>
>
> Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
> QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
> Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>
>

Date: Fri, 21 Mar 2003 14:55:52 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [147969] OT: Looking for Software
Message-ID: <001401c2efe3\$e5e4ffc0\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry to bother the group, but I'm sure there's a number of people here who are 'hackers' and just might have what I need.

I need to program an EPROM but the machine I had my programmer attached to croaked.

If anyone have an MCT programmer that uses the program EPP8M1 can they email me a copy of the EXE and the DAT files? Or for that matter, the entire directory with the MCT tools like 'split' and 'shuff'?

Mike

Date: Fri, 21 Mar 2003 15:12:24 -0500
From: William K Penhallegon <w4stx@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [147970] Radiotron Designer's Handbook
Message-ID: <20030321.151228.-775375.0.w4stx@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Would anyone like a copy of Radiotron Designer's Handbook, Fourth Edition, 1953, distributed by RCA for their library? Hard cover is in good condition. You pay shipping

Bill Penhallegon W4STX
Clearwater, Florida

Date: Fri, 21 Mar 2003 12:56:40 -0800
From: "Tracy Markham" <n4lgh@waveguide.us>
To: qrp-1@lehigh.edu
Subject: [147971] Toaster oven for soldering?
Message-ID: <200303212052.h2LKqnJb031265@rain.CC.Lehigh.EDU>

I saw this in an ad for express pcb for their stencil kit.

<http://www.pcbexpress.com/stencils/index.php>

They suggest specific toaster ovens for reflow soldering?

Tracy N4LGH

Date: Fri, 21 Mar 2003 15:52:36 -0500
From: William K Penhallegon <w4stx@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [147972] Re: Radiotron Designer's Handbook
Message-ID: <20030321.160124.-775375.6.w4stx@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The handbook has been spoken for.

73

Bill W4STX

> Would anyone like a copy of Radiotron Designer's Handbook,
> Fourth Edition, 1953, distributed by RCA for their library?
> Hard cover is in good condition. You pay shipping
>
> Bill Penhallegon W4STX
> Clearwater, Florida
>
>

Date: Fri, 21 Mar 2003 16:00:17 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: <mgoins@usa.net>, Robin Kidd <robink@us.ibm.com>,
"John McKee" <JMcKee@rfmd.com>
Cc: qrp-1@lehigh.edu
Subject: [147973] Rockmite on 30m? [Works Fine] [Parts Used]
Message-ID: <3.0.2.32.20030321160017.007fa2d0@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

R-Mers,

There is some early info about conversion of R-Ms to 30 meters on Rod's Rock-Mite Files website. It's included in a downloadable MSWord file. This can be a starting point.

Otherwise, here's what I'm currently using with my 30 meter Rock-Mite.

Crystals: 2 ea 10.116 from NorCal and/or 10.106 from QRPp-I

C10,11 = 47 pF COG/NP0

C12 = 39 pF COG/NP0

R18 = 7.5 Ohms w/2N2222A

2 Ohms w/2N2219A or 3x2N2222As matched very closely

Filter values were determined from the SVC tables in the Handbook.

L1 = 12 t #26 on FT37-43

L2,3 = 20 t #26 on T37-6

C15,17 = 330 pF

C16 = 560 pF

D5 = adjust voltage for 750 Hz shift - try the 7.5 V to start then possibly 6.8.

I'm putting small value capacitors in series with the crystals to get them on frequency if needed. Most of those I've tried tend to oscillate a kHz or 2 low.

Actually, I only put a cap on one crystal. Then I switch them between Y1 and Y2 to give me two different frequencies. I use machined DIP pins as sockets.

With the 10.116 crystals I have, they oscillated at ~10.114. A 33 pF moved one back to ~10.116 and 10 pF moved another to ~10.120. YMMV.

All R-Ms seem to be sensitive to matching. Q6 is likely to get hot(er) if you tune into an unmatched load. A 50 Ohm absorptive bridge for tuning is a good idea.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Fri, 21 Mar 2003 14:03:55 -0800
From: Dick Ballard <ballardr@att.net>
To: qrp-l@lehigh.edu
Subject: [147974] Re: FT-817 PS (?)

Message-ID: <5n1n7vsakalevbt17l8ro9rogjsn9hklo8@4ax.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: quoted-printable

Radio Shack has had their 13.8 volt 25 amp switching supply on sale for \$59.97 recently. It is part number 22-510, regularly priced at \$119.97. It is very small and lightweight.

They are no longer listed on the web site, but I saw two of them on the shelf at my local store a few days ago. They had no price tag or ID on the shelf, but the clerk checked his computer and indicated they were on close out at the \$59.97 price. Very nice little supply if you can find one. Check all your local stores.

The service manual is available on the web site. I have the supply and also purchased the manual. It has much useful information such as schematic, PCB layout, and a detailed parts list.

Service Manual for 22-510: P/N 12342473 \$6.29.

Order at 1-800-843-7422 option 2.

Dick Ballard

Beaverton OR

W7AND

On Fri, 21 Mar 2003 08:33:46 -0800, you wrote:

>Does anyone have the lowdown on a good source for an FT-817 PS??? I =
remember

>a while back that there was a good unit to be found, kind of like a =
laptop

>PS. Thanks for the bandwidth.

>John W6ZIP

>Victorville, Ca.

><http://qsl.net/w6zip/index.htm>

Date: Fri, 21 Mar 2003 21:45:59 -0000

From: "trickie@speed-mail.co.uk" <Dick@trickie.com>

To: <qrp-l@Lehigh.EDU>

Cc: <GQRP@yahoogroups.com>

Subject: [147975] New Book-History of QRP

Message-ID: <008c01c2eff3\$46244a30\$d34379d5@main>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

I have had a response from the following about the new book "The History of QRP"

If your club is not on the list I haven't heard from you yet. There is no cost involved in getting your information in the book, it is free! There are a few clubs I know about and will print what I know, but get it right.....

ARCI needed - anyone????
NorCal needed, - Doug????
Australian QRP - anyone ???
Italian QRP???

Any others ????????

Benelux QRP
Columbus QRP
AzScQRPions
QRP Canada
MI-QRP
NETXQRP
4STATESQRP
OK-QRP
Little Thunder QRP
EA-QRP
Greater Piedmont QRP
Calgary QRP
RU-QRP
DL-QRP
CQRP
Colorado QRP
SW Ontario
QRP NoVaQRP

Oh yes some obscure club called the G-QRP club????

Dick Pascoe G0BPS
Vice President QRP-ARCI.
SSB & Data manager G-QRP Club

Yes; I shall be at Dayton 2003, flight is booked. I look forward to

seeing all y'all there.

Do you Yahoo? My Messenger ID is G0BPS

All mail from me is checked by Norton
before posting and is (hopefully) Virus Free.

End of QRP-L Digest 2866
